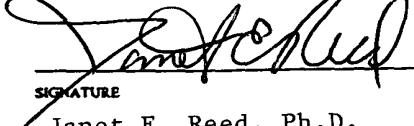


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 5-93)		ATTORNEY'S DOCKET NUMBER UNMC 63102 09/051685
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R.1.5)
INTERNATIONAL APPLICATION NO. PCT US96/16825	INTERNATIONAL FILING DATE 18. October 1996	PRIORITY DATE CLAIMED 20 October 1995
TITLE OF INVENTION COMPOSITIONS AND METHODS FOR ENHANCING IMMUNE RESPONSES MEDIATED BY ANTIGEN PRODUCING CELLS		
APPLICANT(S) FOR DO/EO/US Sam D. Sanderson, Michael A. Hollingsworth and Richard A. Temporo		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11. to 16. below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: 		
<p>Verified Statement Claim Small Entity Status Copy of PCT/IB/308 - notice informing applicant of the communication of the international application to the designated offices</p>		

U.S. APPLICATION NO./IS Known, see 37 C.F.R. 1.50		INTERNATIONAL APPLICATION NO. PCT US96/16825		ATTORNEY'S DOCKET NUMBER UNMC 63102																	
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482)</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))..</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....</p>				CALCULATIONS <small>PTO USE ONLY</small>																	
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 98.00																					
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>				\$																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Claims</th> <th style="width: 25%;">Number Filed</th> <th style="width: 25%;">Number Extra</th> <th style="width: 25%;">Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>24 - 20 -</td> <td>4</td> <td>X 22.00 \$ 88.00</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 -</td> <td>0</td> <td>X 82.00 \$ 0</td> </tr> <tr> <td colspan="2">Multiple dependent claims(s) (if applicable)</td> <td></td> <td>+270.00 \$ 0</td> </tr> </tbody> </table>				Claims	Number Filed	Number Extra	Rate	Total Claims	24 - 20 -	4	X 22.00 \$ 88.00	Independent Claims	1 - 3 -	0	X 82.00 \$ 0	Multiple dependent claims(s) (if applicable)			+270.00 \$ 0	TOTAL OF ABOVE CALCULATIONS = \$ 186.00	
Claims	Number Filed	Number Extra	Rate																		
Total Claims	24 - 20 -	4	X 22.00 \$ 88.00																		
Independent Claims	1 - 3 -	0	X 82.00 \$ 0																		
Multiple dependent claims(s) (if applicable)			+270.00 \$ 0																		
<p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).</p>				\$ 93.00																	
				SUBTOTAL = \$ 93.00																	
<p>Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>				\$																	
				TOTAL NATIONAL FEE = \$ 93.00																	
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</p>				\$ 0																	
				TOTAL FEES ENCLOSED = \$ 93.00																	
				Amount to be: refunded \$ charged \$																	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 93.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406 A duplicate copy of this sheet is enclosed.</p>																					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																					
 SIGNATURE Janet E. Reed, Ph.D.																					
NAME 36,252																					
REGISTRATION NUMBER																					

100-900d PCT/PTO 17 APR 1998
DANN, DODMAN, HERRELL AND KILLMAN,
A PROFESSIONAL CORPORATION **09/051685**

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AND TRADEMARKS
Washington, DC 20231

BOX PCT

Date of Mailing
April 17, 1998

Applicant's or Agent's File Reference
UNMC-63102PCT

IDENTIFICATION OF THE INTERNATIONAL APPLICATION

Int'l. Appln. No. PCT/US96/16825	Int'l. Filing Date 18 October 1996
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Applicant (name)
UNIVERSITY OF NEBRASKA BOARD OF REGENTS

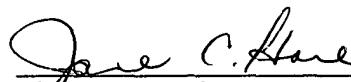
**TRANSMITTAL OF LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR §1.10

NO. OF EXPRESS MAIL LABEL EM494903970US
DATE OF DEPOSIT WITH POSTAL SERVICE April 17, 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

JANE C. HARE
Typed Name of Person Mailing Paper or Fee


Signature of Person Mailing Paper or Fee